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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5252 (1984): Dimensions for Wide Clamp Plates [PGD 2:
Machine Tool Elements and Holding Devices]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

Invent a New India Using Knowledge



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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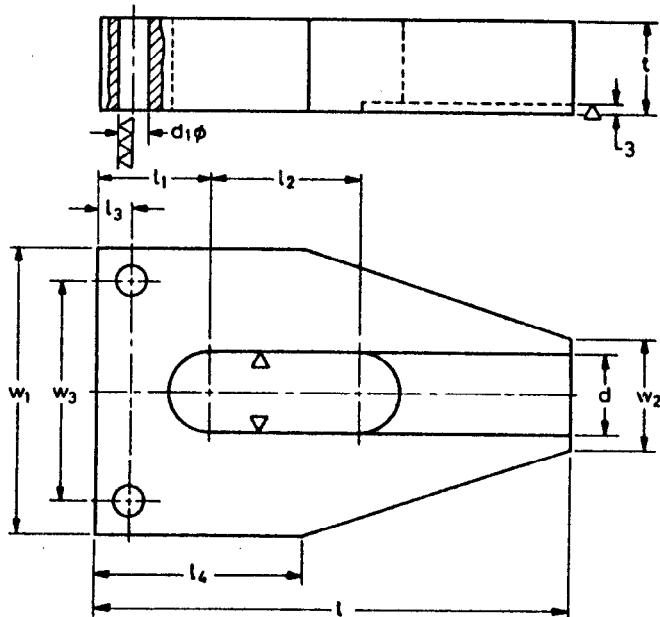
Indian Standard

DIMENSIONS FOR WIDE CLAMP PLATES

1. Scope— Dimensions and requirements for wide clamp plates used in holding work pieces in place when they are being machined.

2. Dimensions

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All dimensions in millimetres.

d	w_1	w_2	w_3	l	l_1	l_2	l_3	l_4	d_1 H7	t	For Bolt Size
6 6	50	13	34	60	13	13	8	20	6	12	M6
6 6	60	13	44	60	13	13	8	20	6	12	M6
9	55	15	39	68	15	15	8	25	6	14	M8
9	65	15	49	68	15	15	8	25	6	14	M8
11	60	19	44	75	18	20	8	30	6	16	M10
11	70	19	54	75	18	20	8	30	6	16	M10
14	67	22	49	90	20	25	9	35	8	20	M12
14	77	22	59	90	20	25	9	35	8	20	M12
18	72	26	54	110	23	30	9	40	8	22	M16
18	87	26	69	110	23	30	9	40	8	22	M16
22	77	30	59	126	25	35	9	45	8	25	M20
22	97	30	79	126	25	35	9	45	8	25	M20
26	97	36	79	150	30	40	9	55	8	30	M24

Note—Dimensional deviations for untoleranced dimensions : Coarse class according to IS : 2102-1969.

3. Designation — A wide clamp plate having $d = 18 \text{ mm}$ and $w_1 = 72 \text{ mm}$ shall be designated as:

Wide Clamp Plate 18×72 IS : 5252.

4. Material — Steel having a minimum tensile strength of 75 kgf/mm² in toughened condition.

5. Finish — Free from cracks, burrs, pits and other defects and shall be supplied in toughened condition.

6. Marking — To be marked at an appropriate place with the designation and manufacturer's name or trade-mark.

7. Packing — To be packed in accordance with best trade practice.